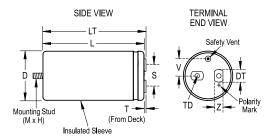
## **KEMET Part Number: ALS41A681KE415**



## ALS41, Aluminum Electrolytic, 680 uF, 20%, 415 VDC, -40/+105°C



Dimensions	
D	51mm +/-1mm
L	82mm +/-2mm
Т	5.5mm +/-0.5mm
S	22.2mm +/-0.5mm
DT	13mm +/-0.5mm
LT	86.5mm +/-1mm
TD	10mm MIN
V	13.7mm NOM
Z	10mm NOM

Packaging Specifications		
Sleeving:	Yes	
Packaging:	Bulk, Box	

General Information		
Series:	ALS41	
Dielectric:	Aluminum Electrolytic	
Description:	Screw Terminal, Aluminum Electrolytic	
RoHS:	Yes	
Mounting:	Stud	
AEC-Q200:	No	
Halogen Free:	Yes	
Component Weight:	220 g	
Notes:	Dimensions D And L Include Sleeving. MS (MxH) = M12x16.	
Shelf Life:	156 Weeks	

<b>Specifications</b>		
Capacitance:	680 uF	
Capacitance Tolerance:	20%	
Voltage DC:	415 VDC, 456.5 VDC (Surge)	
Temperature Range:	-40/+105°C	
Rated Temperature:	105°C	
Life:	7000 Hrs (Rated Voltage And Ripple Current At 105C), 11000 Hrs (Rated Voltage At 105C)	
Resistance:	180 mOhms (100Hz 20C), 115 mOhms (10kHz 20C)	
Ripple Current:	4.4 Amps (100Hz 105C), 9.9 Amps (10kHz 105C)	
Leakage Current:	846.6 uA (5min 20°C)	

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.



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